

AMENDMENTS TO THE ABSTRACT:

Please replace the Abstract with the following amended Abstract:

[marked corrected version]

B9
A There is provided a correlator which detects correlation for data having a certain length, ~~wherein the correlator includes~~ is comprised of a plurality of sub-correlators, each of the sub-correlators having ~~has~~ a length equal to a divisor of the certain length and, each of the sub-correlators having ~~has~~ such a length that a product of all lengths ~~length~~ of the sub-correlators is equal to the certain length. A, and a correlation value output from one of the sub-correlators is input into a sub-correlator located immediately downstream of the one of the sub-correlators.

[attach 2nd page - clean correct version]

ABSTRACT OF THE INVENTION

A correlator which detects correlation for data having a certain length includes a plurality of sub-correlators, each of the sub-correlators having a length equal to a divisor of the certain length and each of the sub-correlators having such a length that a product of all lengths of the sub-correlators is equal to the certain length. A correlation value output from one of the sub-correlators is input into a sub-correlator located immediately downstream of one of the sub-correlators.